

## Typical Properties of F-4053

Polymer	Epichlorohydrin (ECH)		
ASTM D1056 Classification	2B3		
ASTM D1056 Suffix Compliances	A1, B2, C1, F1, M		
ASTM D6576 Classification	Type II A, B Medium		
Physical Property	Test Method	Result (US Units)	Result (Metric Units)
Density	ASTM D1056	15 – 21 pcf	240.3 – 336.4 kg/m <sup>3</sup>
Compression Deflection 25%	ASTM D1056	9 – 13 psi	34.4 – 62 kPa
Compression Set 50%	ASTM D1056	25% Max	25% Max
Water Absorption	ASTM D1056	5% Max	5% Max
Tensile Strength	ASTM D412	80 psi Min	552 kPa Min
Elongation	ASTM D412	175 % Min	175 % Min
Tear Strength	ASTM D624	20 lb/in Min	3.5 kN/m Min
Resilience	ASTM D2632	25 – 35 %	25 - 35%
CD after Oven Aging	ASTM D1056	30% Max	30% Max
Fluid Immersion	ASTM D1056	50% Max	50% Max
Flammability	FMVSS-302	Pass @ .125" or Thicker	
Service Temperature	-40 to 300 F		
High Intermittent Temperature	325 F		

Contact customer service for specification inquiries.

*Disclaimer: This information is furnished as a guide for selecting materials. Rubberlite Inc. makes no warranties, expressed or implied, of merchantability with respect to the goods or that such goods are fit for any particular purpose. It is the customer's responsibility to obtain and test samples when determining suitability of material for a particular application.*